ABSTRACT:

        The present invention relates to a processing method and apparatus for processing an information based on a sequence of instructions, wherein a repeated sub-sequence is detected in the sequence of instructions and an allocation between a processing resource and said repeated sub-sequence is determined based on an index information

5   indicating the repetition frequency of the repeated sub-sequence. Thus, a combination of a scalable signal processor with automatic task distribution is provided, by means of which the number of memory accesses can be reduced, as the repeated sub-sequence can be allocated to external processing units, which are correspondingly programmed or which use their embedded memory. This also saves power.

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[Fig. 3]